Figure 1:

```
SCS0007                                  MWAGLLLRAACVALLLPGAPARGYTGRKPPGHFAAERRRLGPHV
FLJ32009                                 MWAGLLLRAACVALLLPGAPARGYTGRKPPGHFAAERRRLGPHV
HCP50656.1       RGAGAEPSPGDPPPPVMWAGLLLRAACVALLLPGAPARGYTGRKPPGHFAAE  RRRLGPHV
                                ************************************************


SCS0007          CLSGFGSGCCPGWAPSMGGGHCTLPLCSFGCGSGICIAPNVCSCQDGEQGATCPETHGPC
FLJ32009         CLSGFGSGCCPGWAPSMGGGHCTLPLCSFGCGSGICIAPNVCSCQDGEQGAT CPETHGPC
HCP50656.1       CLSGFGSGCCPGWAPSMGGGHCTLPLCSFGCGSGICIAPNVCSCQDGEQGATCPETHGPC
                 ********************************************************


SCS0007          GEYGCDLTCNHGGCQEVARVCPVGFSMTETAVGIRCTDIDECVTSSCEGHCV NTEGGFVC
FLJ32009         GEYGCDLTCNHGGCQEVARVCPVGFSMTEAAVGIRCTDIDECVTSSCEGHCVNTEGGFVC .
HCP50656.1       GEYGCDLTCNHGGCQEVARVCPVGFSMTETAVGIRCTDIDECVTSSCEGHCVNTEGGFVC
                 ****************************.************************ ******


SCS0007          ECGPGMQLSADRHSCQDTDECLGTPCQQRCKNSIGSYKCSCRTGFHLHGNRHSCVDVNEC
FLJ32009         ECGPGMQLSADRHSCQDTDECLGTPCQQRCKNSIGSYKCSCRTGFHLHGNRHSCVDVNEC
HCP50656.1       ECGPGMQLSADRHSCQDTDECLGTPCQQRCKNSIGSYKCSCRTGFHLHGNRHS CVDVNEC
                 *****************************************************


SCS0007          RRPLERRVCHHSCHNTVGSFLCTCRPGFRLRADRVSCEG --------------------
FLJ32009         RRPLERRVCHHSCHNTVGSFLCTCRPGFRLRADRVSCEAFPKAVLAPSAILQP RQHPSKM
HCP50656.1       RRPLERRVCHHSCHNTVGSFLCTCRPGFRLRADRVSCEG --------------------
                 **************************************


SCS0007          ----------ALSP----PDWQQGP--------------- LPAGT---------------
FLJ32009         LLLLPEAGRPALSPGHSPPSGAPGPPAGVRTTRLPSPTPRLPTSSPSAPVWLLSTLLATP
HCP50656.1       ----------ALSP----PDWQQGP--------------- LPAGT---------------
                           ****     *      **              **. .


SCS0007          ---------------------------------------- WEPCMNQGVAGQSLG -------
FLJ32009         VPTASLLGNLRPPSLLQGEVMGTPSSPRGPESPRLAAGPSPCWHLGAMHESRSRWTEPGC
HCP50656.1       ---------------------------------------- WEPCMNQGVAGQSLG -------
                                                          ** . *   .*


SCS0007          ----------------------- VPS-AGARLETCRACFVS-------------------
FLJ32009         SQCWCEDGKVTCEKVRCEAACSHPIPSRDGGCCPSCTGCFHSGVVRAEGDVFSP PNENCT
HCP50656.1       ----------------------- VPS-AGARLETCRACFVS-------------------
                                         .** *    .* ** *


SCS0007          --VLLAR------------VRPPIKTDCCTCVPVRCYFHGRWYADGAVFSGGG DECTTC
FLJ32009         VCVCLAGNVSCISPECPSGPCQTPPQTDCCTCVPVRCYFHGRWYADGAVFSGGGDECTTC
HCP50656.1       --VLLAR------------VRPPIKTDCCTCVPVRCYFHGRWYADGAVFSGGGDECTTC
                   * **             . * .*******************************  *****


SCS0007          VCQNGEVECSFMPCPELACPREEWRLGPGQCCFTCQEPTPSTGCSLDDNGVEFPIGQIWS
FLJ32009         VCQNGEVECSFMPCPELACPREEWRLGPGQCCFTCQEPTPSTGCSLDDNGVEFPIGQIWS
HCP50656.1       VCQNGEVECSFMPCPELACPREEWRLGPGQCCFTCQEPTPSTGCSLDDNGVEFPI GQIWS
                 ******************************************************


SCS0007          PGDPCELCICQADGSVSCKRTDCVDSCPHPIRIPGQCCPDCSAAGAQRMLSLAGCTYTGR
FLJ32009         PGDPCELCICQADGSVSCKRTDCVDSCPHPIRIPGQCCPDCSAG ---------CTYTGR
HCP50656.1       PGDPCELCICQADGSVSCKRTDCVDSCPHPIRIPGQCCPDCSAAGAQRMLSLAGCTYTGR
                 *******************************************         ******


SCS0007          IFYNNETFPSVLDPCLSCICLLGSVACSPVDCPITCTYPFHPDGECCPVCRDCNY EGRKV
FLJ32009         IFYNNETFPSVLDPCLSCICLLGSVACSPVDCPITCTYPFHPDGECCPVCRDCNYEGRKV
HCP50656.1       IFYNNETFPSVLDPCLSCICLLGSVACSPVDCPITCTYPFHPDGECCPVCRDCNYEGRKV
                 ******************************************************* ****
```

```
        SCS0007    ANGQVFTLDDEPCTRCTCQLGEVSCEKVPCQRACADPALLPGDCCSSCPDSLSPLEEKQG
        FLJ32009   ANGQVFTLDDEPCTRCTCQLGEVSCEKVPCQRACADPALLPGDCCSSCPDSLSPLEEKQG
  5     HCP50656.1 ANGQVFTLDDEPCTRCTCQLGEVSCEKVPCQRACADPAL LPGDCCSSCPDSPQPLQ----
                   ************************************************* **.

        SCS0007    LSPHGNVAFSKAGRSLHGDTEAPVNCSSCPGPPTASPSRPVLHLLQLLLRTNLMKTQTLP
        FLJ32009   LSPHGNVAFSKAGRSLHGDTEAPVNCSSCPGPPTASPSR PVLHLLQLLLRTNLMKTQTLP
 10     HCP50656.1 --PPPTLAPSSPQWGLLGGKSPP ----CCLG-------FPMLHCSFTAYLWEGGKRDPKP
                     * ..* *    * *    *    .* *      *.**        *      *

        SCS0007    TSPAGAHGPHSLALGLTATFPGEPGASPRLSPGPSTPPG APTLPLASPGAPQPPPVTPER
        FLJ32009   TSPAGAHGPHSLALGLTATFPGEPGASPRLSPGPSTPPGAPTLPLASPGAPQPPPVTPER
 15     HCP50656.1 TGGKCYFHGRWYTDGAVFSGGGDDCTTCVCQNGEVECSFTPCPELECPRE --------EW
                   *       . . * . *. ..      *    . *. * .*          *

        SCS0007    SFSASGAQIVSRWPPLPGTLLTEASALSMMDPSPSKTPITLLGPRVLSP -TTSRLSTALA
        FLJ32009   SFSASGAQIVSRWPPLPGTLLTEASALSMMDPSPSKTPITLLGPRVLSP -TTSRLSTALA
 20     HCP50656.1 LLGPGQCCFTCREP -------TPTTGCSLDD-----NGVEFPIGQIWSPGDPCRRLCELQ
                     . .* *       * .. *. *    . .   .. ** .* . *

        SCS0007    ATTHPGPQQPPVGASRGEESTMLSRFPHAALLIHRLPVGRWET
        FLJ32009   ATTHPGPQQPPVGASRGEESTM ---------------------
 25     HCP50656.1 EDRLRGLLPAPHPDSWTVLS ---------------------
                     *    *   *   *
```

Figure 2:

Sequence   **Annotation**

AK056571   weakly similar to FIBULIN-1, ISOFORM A Precursor

XP_166226.   similar to cysteine-rich motor neuron 1; cysteine-rich repeat-containing protein
                     S52 precursor; von Willebrand factor type C domain.

```
SCS0007     MWAGLLLRAA  CVALLLPGAP  ARGYTGRKPP  GHFAAERRRL  GPHVCLSGFG
AK056571    MWAGLLLRAA  CVALLLPGAP  ARGYTGRKPP  GHFAAERRRL  GPHVCLSGFG
XP_166226.  ..........  .MLLLLP...  ...EAGR...  ..........  ..........


SCS0007     SGCCPGWAPS  MGGGHCTLPL  CSFGCGSGIC  IAPNVCSCQD  GEQGATCPET
AK056571    SGCCPGWAPS  MGGGHCTLPL  CSFGCGSGIC  IAPNVCSCQD  GEQGATCPET
XP_166226.  ........PA  LSPGHS....  ...  .......  ..........  .......PPS


SCS0007     HGPCGEYGCD  LTCNHGGCQE  VARVCPVGFS  MTETAVGIRC  TDIDECVTSS
AK056571    HGPCGEYGCD  LTCNHGGCQE  VARVCPVGFS  MTEAAVGIRC  TDIDECVTSS
XP_166226.  GAP.......  ..........  ....GPP...  ......AGVRT  T.........


SCS0007     CEGHCVNTEG  GFVCECGPGM  QLSADRHSCQ  DTDECLGTPC  QQRCKNSIGS
AK056571    CEGHCVNTEG  GFVCECGPGM  QLSADRHSCQ  DTDECLGTPC  QQRCKNSIGS
XP_166226.  ..........  ..........  ..........  ....RLPSPT  PRLPTSSP..


SCS0007     YKCSCRTGFH  LHGNRHSCVD  VNECR RPLER  RVCHHSCHNT  VGSFLCTCRP
AK056571    YKCSCRTGFH  LHGNRHSCVD  VNECRRPLER  RVCHHSCHNT  VGSFLCTCRP
XP_166226.  ..........  ..........  ....SAPVWL  LSTLLATPVP  TASLLGNLRP


SCS0007     GFRLRADRVS  CEG.......  ..........  ..........  ....ALSP..
AK056571    GFRLRADRVS  CEAFPKAVLA  PSAILQPRQH  PSKMLLLLPE  AGRPALSPGH
XP_166226.  PSLLQGEVMG  TPS.......  ..........  ..........  ......SP..


SCS0007     ..PDWQQGP.  ..........  ....LPAGT.  ..........  ..........
AK056571    SPPSGAPGPP  AGVRTTRLPS  PTPRLPTSS  P SAPVWLLSTL  LATPVPTASL
XP_166226.  ...RGPESP.  ..........  ...RLAAGP.  ..........  ..........


SCS0007     ..........  ..........  ..........  ..WEPCMNQG  VAGQSLG...
AK056571    LGNLRPPSLL  QGEVMGTPSS  PRGPESPRLA  AGPSPCWHLG  AMHESRSRWT
XP_166226.  ..........  ..........  ..........  ...SPCWHLG  AMHESRSRWT


SCS0007     ..........  ..........  ........ VP  S.AGARLETC  RACFVS....
AK056571    EPGCSQCWCE  DGKVTCEKVR  CEAACSHPIP  SRDGGCCPSC  TGCFHSGVVR
XP_166226.  EPGCSQCWCE  DGKVTCEKVR  CEAACSHPIP  SR DGGCCPSC  TGCFHSGVVR


SCS0007     ..........  ......VLLA  R.........  ....VRPPIK  TDCCTCVPVR
AK056571    AEGDVFSPPN  ENCTVCVCLA  GNVSCISPEC  PSGPCQTPPQ  TDCCTCVPVR
XP_166226.  AEGDVFSPPN  ENCTVCVCLA  GNVSCISPEC  PSGPCQTPPQ  TDCCTCVPVR
```

```
   SCS0007       CYFHGRWYAD GAVFSGGGDE CTTCVCQNGE VECSFMPCPE LACPREEWRL
   AK056571      CYFHGRWYAD GAVFSGGGDE CTTCVCQNGE VECSFMPCPE LACPREEWRL
   XP_166226.    CYFHGRWYAD GAVFSGGGDE CTTCVCQNGE VECSFMPCPE LACPREEWRL
 5

   SCS0007       GPGQCCFTCQ EPTPSTGCSL DDNGVEFPIG QIWS PGDPCE LCICQADGSV
   AK056571      GPGQCCFTCQ EPTPSTGCSL DDNGVEFPIG QIWSPGDPCE LCICQADGSV
   XP_166226.    GPGQCCFTCQ EPTPSTGCSL DDNGVEFPIG QIWSPGDPCE LCICQADGSV
10

   SCS0007       SCKRTDCVDS CPHPIRIPGQ CCPDCSAAGA QRMLSLAGCT YTGRIFYNNE
   AK056571      SCK RTDCVDS CPHPIRIPGQ CCPDCSAG.. ........CT YTGRIFYNNE
   XP_166226.    SCKRTDCVDS CPHPIRIPGQ CCPDCSAG.. ........CT YTGRIFYNNE
15

   SCS0007       TFPSVLDPCL SCICLLGSVA CSPVDCPITC TYPFHPDGEC CPVCRDCNYE
   AK056571      TFPSVLDPCL SCICLLGSVA CSPVDCPITC TYPFHPDG EC CPVCRDCNYE
   XP_166226.    TFPSVLDPCL SCICLLGSVA CSPVDCPITC TYPFHPDGEC CPVCRDCNYE
20

   SCS0007       GRKVANGQVF TLDDEPCTRC TCQLGEVSCE KVPCQRACAD PALLPGDCCS
   AK056571      GRKVANGQVF TLDDEPCTRC TCQLGEVSCE KVPCQRACAD PALLPGDCCS
   XP_166226.    GRKVANG QVF TLDDEPCTRC TCQLGEVSCE KVPCQRACAD PALLPGDCCS
25

   SCS0007       SCPDSLSPLE EKQGLSPHGN VAFSKAGRSL HGDTEAPVNC SSCPGPPTAS
   AK056571      SCPDSLSPLE EKQGLSPHGN VAFSKAGRSL HGDTEAPVNC SSCPGPPTAS
   XP_166226.    SCPDSLSPLE EKQGLSPHGN VAFSKAGRSL HGDTEAPVNC S SCPGPPTAS
30

   SCS0007       PSRPVLHLLQ LLLRTNLMKT QTLPTSPAGA HGPHSLALGL TATFPGEPGA
   AK056571      PSRPVLHLLQ LLLRTNLMKT QTLPTSPAGA HGPHSLALGL TATFPGEPGA
   XP_166226.    PSRPVLHLLQ LLLRTNLMKT QTLPTSPAGA HGPHSLALGL TATFPGEPGA
35

   SCS0007       SPRLSPGPS T PPGAPTLPLA SPGAPQPPPV TPERSFSASG AQIVSRWPPL
   AK056571      SPRLSPGPST PPGAPTLPLA SPGAPQPPPV TPERSFSASG AQIVSRWPPL
   XP_166226.    SPRLSPGPST PPGAPTLPLA SPGAPQPPPV TPERSFSASG AQIVSRWPPL
40

   SCS0007       PGTLLTEASA LSMMDPSPSK TPITLLGPRV LSPTTSRLST ALA ATTHPGP
   AK056571      PGTLLTEASA LSMMDPSPSK TPITLLGPRV LSPTTSRLST ALAATTHPGP
   XP_166226.    PGTLLTEASA LSMMDPSPSK TPITLLGPRV LSPTTSRLST ALAATTHPGP
45

   SCS0007       QQPPVGASRG EESTMLSRFP HAALLIHRLP VGRWET
   AK056571      QQPPVGASRG EESTM..... ....... ... ......
   XP_166226.    QQPPVGASRG EESTM..... .......... ......
50
```